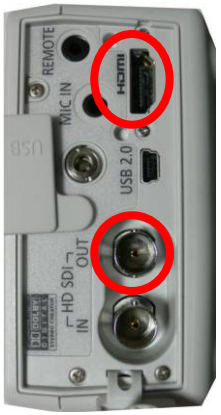
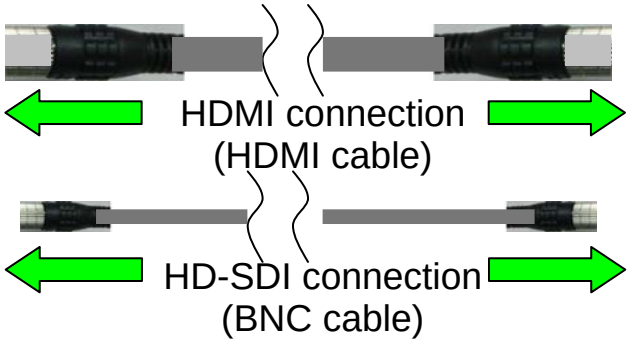
POVCAM（AG-MDR15）
Quick Reference Guide

Full HD Recording

Recording with External signal source

Connecting monitor via HDMI cable or HD-SDI output





Monitor

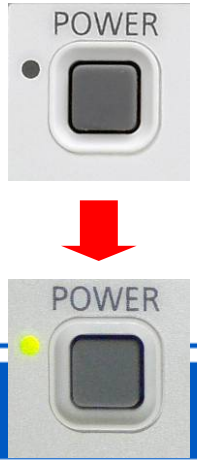
Either-Or

Note : Menu setting must be as follows ;

When using HDMI connection, MENU > AV OUT SETUP > SDI OUT > OFF

When using HD-SDI connection, MENU > AV OUT SETUP > SDI OUT > ON

Preparation #4 Turn the power on !



Press the POWER button for 2 seconds or longer.

The POWER lamp (green) illuminates and the power turns on.

Note : For turning the power off, press the POWER button for 2 seconds or longer when the power is on. The POWER lamp flashes, the power turns off, and then the lamp goes off.

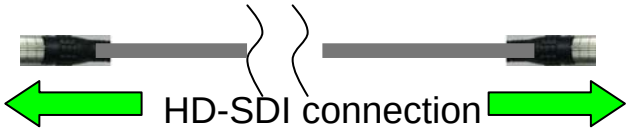
Connecting Recorder to an external video source

Insert the SD Memory Card into the card slot and close the door.

Note : POVCAM supports up to 32GB SDHC card.

C-Mount camera w / HD-SDI output

Preparation #2



HD-SDI connection
(BNC cable)

Endoscope w / HD-SDI output

Connect the external signal source which has HD-SDI output.

Formatting SD memory card

Note : All data in SD memory card will be erased by FORMAT process.

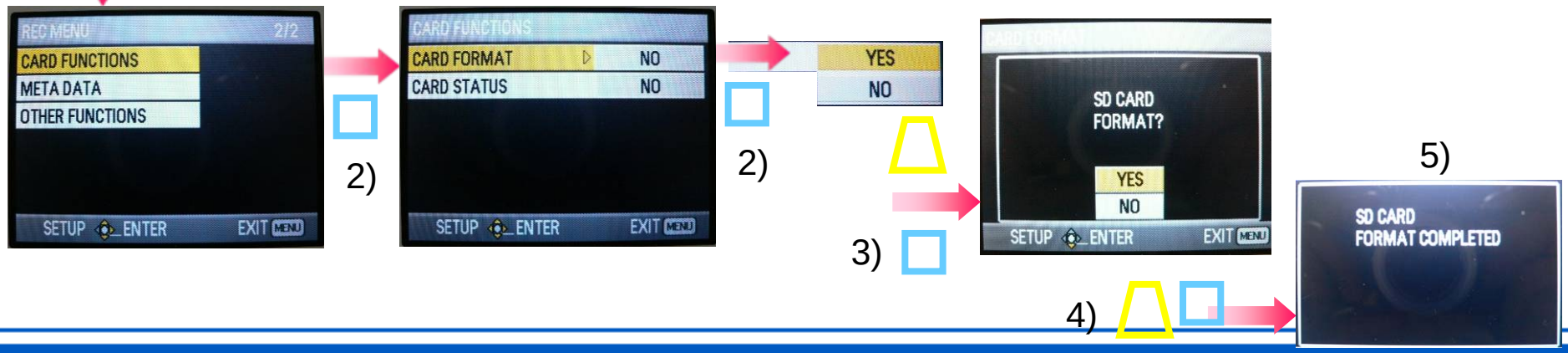
1) Press MENU button ◯ , and select “CARD FUNCTION” by using UP/DOWN button △▽ .

2) Press ENTER button □ , select “CARD FORMAT” and press ENTER button □ again.

3) Select “YES” by using UP button △ and press ENTER button □ .

4) In “SD CARD FORMAT ?” window, select “YES” by using UP button △ and press ENTER button □ .

5) After you see “SD CARD FORMAT COMPLETED” on the screen, press MENU button ◯ to return.



Quick Reference for Menu setup

For menu setup, press MENU button ○ and select item by using up/down button △▽ , then press ENTER button □ .
In order to simplify the preparation, the only following menu selections should be cared for recording. The other selections don't have to be changed.

OTHER FUNCTIONS --- MENU INIT **NO-->YES, then POWER OFF-->ON**
Returning to factory initial set

RECORDING SETUP --- REC FORMAT **PH 1080/60i Best quality Full-HD, 3-hour w/32GB card**
HA 1080/60i High quality Full-HD, 4-hour w/32GB card
HG 1080/60i Standard quality Full-HD, 5-hour 20-min
HE 1080/60i 1440X1080 resolution, 12-hour w/32GB card

AV OUT SETUP --- SDI OUT **ON When connecting a monitor with HD-SDI connection**
OFF When connecting a monitor with HDMI connection

Typical external signal sources examples

STORZ KARL STORZ ENDOSCOPY IMAGE 1® HD IMAGE1 THE VALUE OF ONE™

Panasonic GP-US932

ConMed Linvatec

IM4000

IM4000 High Definition Camera
TRUE HD-1080p
720p, 1080i, 1080p selectable
Upgradeable FPGA platform
True autoclavability
Eye piece, Cartridge, Urology heads available
Increased resolution and three dimensional perception
Reduce Cost of Ownership:
Autoclavable camera head
Forward compatible camera for reduced cost of future technology
Component level design and manufacturing for reduction of service costs
ShockFlex™ prism mounting in camera heads for increased durability
HD

smith&nephew

560 SERIES

TOSHIBA

High Definition Cameras

How to start Recording

Press the REC/PAUSE button to start recording.
Press the REC/PAUSE button once again to finish recording.

During recording, REC indicator (Yellow LED) is ON,
also “REC” on the display.

Playing back previously recorded video

1) Press the MODE button to change to playback mode.
   Thumbnails displayed on the screen.
2) Choose the clip by using ◁◁ ▷▷ button,
   and press ENTER button ■ to start playback that clip.
3) During playback, buttons works as below ;

PAUSE /
PAUSE Release

REWIND

Fast Forward

STOP